

Title (en)
Automotive headlamp

Title (de)
Scheinwerfer für Fahrzeuge

Title (fr)
Module d'éclairage pour projecteur de véhicule automobile

Publication
EP 2131098 B1 20140326 (FR)

Application
EP 09161373 A 20090528

Priority
FR 0803182 A 20080606

Abstract (en)
[origin: EP2131098A1] The module (M1) has a concave collecting reflector (R1) receiving a beam issued from an LED (1) and sending the beam towards an output reflector (R2), where an average emission direction (D) of the LED is parallel to an optic axis (X-X). The reflector (R2) is determined for transforming a semblance wave from a rectilinear edge (4) of a virtual light spot (3) into a cylindrical wave of a vertical axis (Z1) orthogonal to direction of the axis (X-X) and to the edge, so that an outputting beam is top or below side of a plane orthogonal to the axis of the cylindrical wave.

IPC 8 full level
F21V 7/00 (2006.01); **F21S 8/10** (2006.01); **F21V 7/04** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/155** (2017.12 - EP); **F21S 41/321** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21W 2102/155** (2017.12 - EP); **F21W 2102/30** (2017.12 - EP)

Cited by
DE102010033707A1; DE102013207845A1; EP2565522A1; FR2979594A1; FR2960497A1; EP2390562A3; US8851724B2; US8651716B2; US9546766B2

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EP 2131098 A1 20091209; EP 2131098 B1 20140326; ES 2475204 T3 20140710; FR 2932245 A1 20091211; FR 2932245 B1 20100910; JP 2009295585 A 20091217; JP 5586172 B2 20140910

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